

3 INCHES LENGTH



Connector A  
132114RP  
SMA Plug Straight  
Brass Gold + Heatshrink

50 Ohm RG-174  
Continuity/Hi-Pot

Connector B  
112178  
BNC Plug Right Angle  
Brass Nickel + Heatshrink

**Assembly & Label Notes**

Assembly label to be placed ~ 2" from end of connector A and/ or heat shrink  
Assembly shall be built with SN96.5 LEAD FREE solder.  
See Routing Notes for additional assembly & testing instructions.

Connector A		Cable		Connector B	
<b>Part #:</b>	132114RP	<b>Part #:</b>	RG-174	<b>Part #:</b>	112178
<b>Description:</b>	SMA PLUG RP RG316 500	<b>Description:</b>	RG-174 - PE 0.1	<b>Description:</b>	BNC R/A PLUG RG174 RG316 LMR100 500
<b>Type:</b>	SMA	<b>Dielectric:</b>	PE	<b>Type:</b>	BNC
<b>Gender:</b>	Plug	<b>Shielding:</b>	Braid	<b>Gender:</b>	Plug
<b>Body Type:</b>	Straight	<b>Diameter:</b>	0.1	<b>Body Type:</b>	Right Angle
<b>Contact Type:</b>	Crimp	<b>Impedance:</b>	50 Ohm	<b>Contact Type:</b>	Solder
<b>Polarity:</b>	Reverse	<b>Sheathing:</b>	None	<b>Polarity:</b>	Standard
<b>Impedance:</b>	50 Ohm	<b>Testing:</b>	Continuity Hi-Pot	<b>Impedance:</b>	50 Ohm
<b>Mounting:</b>	Cable	<b>Length:</b>	3 Inches	<b>Mounting:</b>	Cable
<b>Body Material:</b>	Brass			<b>Body Material:</b>	Brass
<b>Body Finish:</b>	Gold			<b>Body Finish:</b>	Nickel
<b>IP Rating:</b>	None			<b>IP Rating:</b>	None
<b>Contact Material:</b>	Beryllium Copper			<b>Contact Material:</b>	Brass
<b>Contact Finish:</b>	Gold			<b>Contact Finish:</b>	Gold
<b>Max. Freq.:</b>	12.4 GHz			<b>Max. Freq.:</b>	4 GHz
<b>Booting:</b>	SMA Plug Straight RP			<b>Booting:</b>	BNC Plug Right Angle
				<b>Clacking:</b>	0°



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Title:  
**SMA-ST-PL-RP/BNC-RA-PL G174 3I**

Part No:  
**Q-6800D0003003I**

**UNLESS SPECIFIED**  
TOLERANCE:  
0-18 inches +/- 1/2"  
over 18" +/- 2%  
ASSEMBLY:  
CENTER LABEL IF LENGTH  
IS LESS THAN 12 INCHES